

ABSTRACT OF THE DISCLOSURE

The invention includes antibodies that provide superior anti-coagulant activity by binding native human TF with high affinity and specificity. Antibodies of the invention can effectively inhibit blood coagulation *in vivo*. Antibodies of the invention can bind native human TF, either alone or present in a TF:FVIIa complex, effectively preventing factor X or FIX binding to TF or that complex, and thereby reducing blood coagulation. Preferred antibodies of the invention specifically bind a conformational epitope predominant to native human TF, which epitope provides an unexpectedly strong antibody binding site. Also provided are humanized antibodies and fragments thereof that bind to the TF.

Doc. 183,413

00000536-1.1.101